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**OFFICIAL****FACSIMILE COVER PAGE**

To: Examiner Caridad Everhart - UNITED STATES PATENT AND TRADEMARK OFFICE

Fax No.: (703) 872-9306

No. of Pages: 23 (incl. this page)

From: Kevin W. Stinger

Date: August 11, 2004

File No./Subject: **AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION**

Patent Application

Serial No.: 10/694,433

Filing Date: October 27, 2003

Title: PROCESS FOR IMPROVING YIELD OF DFB LASERS

Our File: 15436.247.7.1

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VIA FACSIMILE (703) 872-9306

**OFFICIAL**PATENT APPLICATION  
Docket No. 15436.247.7.1

In re application of

Sumesh Mani K. Thiyagarajan

Serial No.:

10/694,433

Filed:

October 27, 2003

For:

PROCESS FOR IMPROVING YIELD OF DFB LASERS

Confirmation No.:

8936

Examiner:

Caridad Everhart

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) Art Unit  
) 2825  
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)**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that the following documents are being filed with the U.S. Patent and Trademark Office via facsimile to Attn: Caridad Everhart, Examiner U.S. Patent and Trademark Office, facsimile number: (703) 872-9306 this 11 day of August, 2004:

- Transmittal Letter for Amendment and Response to First Office Action (2 pgs.) (in duplicate)
- Amendment and Response to First Office Action (16 pages)
- Credit Card Form PTO 2038 in the amount of \$172.00 (1 page)

Respectfully submitted,



Linda Clark, Assistant to  
Kevin W. Stinger  
Attorney for Applicants  
Registration No. 48,959  
Customer No. 022913  
Telephone No. (801) 533-9800

KWS/lrc  
LC0000001471V001

PAGE 3/23 \* RCVD AT 8/11/2004 5:43:45 PM [Eastern Daylight Time] \* SVR:USPTO-EFEXRF-1/4 \* DNIS:8729306 \* CSID:8013281707 \* DURATION (mm-ss):05-50

August 11, 2004  
10/694,433  
Page 2

The fee has been calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE	RATE	ADD'L FEE
TOTAL	34 - 34	= 0	X		X 18	0
INDEPENDENT	5 - 3	= 2	X		X 86	\$172
1 <sup>st</sup> PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+ _____ =		+ _____ =	
			TOTAL		TOTAL	\$172

X Credit Card Payment Form PTO 2038 in the amount of \$172.00 is enclosed to cover the extra claims fee.

\_\_\_\_\_ Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ is enclosed to cover the additional claim fee.

\_\_\_\_\_ Please charge my Deposit Account No. 23-3178 in the amount of \_\_\_\_\_.

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

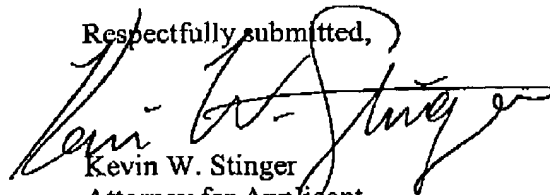
X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

X Any patent application processing fees under 37 CFR 1.17.

X A duplicate copy of this transmittal letter is attached.

Dated this 11<sup>th</sup> day of August, 2004.

Respectfully submitted,



Kevin W. Stinger  
Attorney for Applicant  
Registration No. 48,959  
Customer No. 022913  
Telephone No. (801) 533-9800

KWS/trc  
LC0000001471V001

**OFFICIAL**

Application No. 10/694,433  
Amendment and Response to First Office Action mailed June 25, 2004

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**PATENT APPLICATION  
Docket No. 15436.247.7.1**

AUG 11 2004

In re application of

Sumesh Mani K. Thiyagarajan

Serial No.:

10/694,433

) Art Unit  
) 2825

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PROCESS FOR IMPROVING YIELD OF DFB LASERS)

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8936

Examiner:

Caridad Everhart

**AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION**

**VIA FACSIMILE (703) 872-9306**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is in response to Examiner's Office Action mailed June 25, 2004 (the "Office Action"). Reconsideration is respectfully requested in view of the following amendments and remarks.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 3 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.

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